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# **PORTABLE AIR TOOLS**

**THE ROTOR TOOL COMPANY**

## SCREWDRIVER AND NUTSETTER TO No. 12 SCREWS OR 1/4" BOLTS

2293-013



S035

S-02PK



S-02PRC



S-02LRC



S-02PRP



2543

2561

2500 Series Featuring the  
New Cartridge Motor Concept

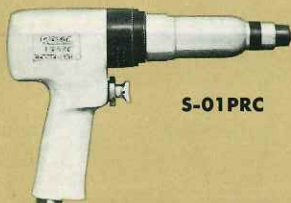
S-01PK



S-01LK



S-01PRC



S-01LRC



TYPE		Throttle Handle	Free R.P.M. at 90 Lbs.		Length (Inches)	Weight (Pounds)
Rev.	Non-Rev.		Rev.	Non-Rev.		
2290	—	Lever	1200	—	7 1/16	9 oz.
2293	—	Pistol	1200	—	6 1/2	17 oz.
ROTORK CLUTCH						
—	S035SK	Push to Start	—	2000	8 1/16	16 oz.
			—	1650	8 1/16	16 oz.
			—	1350	8 1/16	16 oz.
ADJUSTABLE CLUTCH						
S035LRC	S035LC	Lever	1100	1800	8 1/16	17 oz.
			900	1500	8 1/16	17 oz.
			750	1200	8 1/16	17 oz.
DIRECT DRIVE						
S035LRD	S035LD	Lever	1100	1800	8 1/16	22 oz.
			750	1200	8 1/16	22 oz.
Adjustable and Direct Drive Tools available in Pistol Handle.						
ROTORK CLUTCH — 5 to 85 Inch Lbs. Torque						
S-02PRK	S-02PK	Pistol	1200	1500	8 1/2	2 3/8
			750	900	9 1/16	2 5/8
			390	475		
S-02LRK	S-02LK	Lever	1200	1500	10 1/16	2
			750	900	10 5/8	2 1/4
			390	475		
ADJUSTABLE CLUTCH						
S-02PRC	S-02PC	Pistol	1850	2200	8 1/2	2 1/4
			1500	1700		
			750	900	9 1/16	2 1/2
			390	475		
S-02LRC	S-02LC	Lever	1850	2200	10 1/16	1 7/8
			1500	1700		
			750	900	10 5/8	2 1/8
			390	475		
POSITIVE CLUTCH AND DIRECT DRIVE						
S-02PRP	S-02PP	Pistol	1850	2200	7 13/16	2 1/8
S-02PRD	S-02PD		1500	1700		
			750	900	8 3/8	2 1/4
			390	475		
S-02LRP	S-02LP	Lever	1850	2200	9 3/8	1 3/4
S-02LRD	S-02LD		1500	1700		
			750	900	9 15/16	1 7/8
			390	475		
EQUIPMENT: Bit and Finder or Nut Socket and Adapter. Tools can be furnished with External Quick Change Chuck.						
2531	2570	Pistol	2100	2800	9 7/16	2 3/4
2705	2704		1500	1900	10	2 7/8
2533	2512		800	1100	10 7/16	3
2535	2514		600	700	10 7/16	3
2549	2543	Pistol	2100	2800	8 1/8	2 3/8
2713	2712		1500	1900	8 7/16	2 1/2
2551	2545		800	1100	9	2 3/4
2553	2547		600	700	9	2 3/4

Available with Lever Throttles. Direct Drive/Stall Torque Available.

EQUIPMENT: Bit and Finder or Nut Socket and Adapter.

Tools can be furnished with External Quick Change Chuck.

## SCREWDRIVER AND NUTSETTER — 1/4" TO 7/16" CAPACITY

ROTORK CLUTCH — 30 to 160 Inch Lbs. Torque						
S-01PRK	S-01PK	Pistol	1200	1500	9 3/4	4 5/16
			750	950	10 3/4	4 3/4
			400	500		
S-01LRK	S-01LK	Lever	1200	1500	11 7/8	4 3/8
			750	950	12 7/8	5
			400	500		
ADJUSTABLE CLUTCH						
S-01PRC	S-01PC	Pistol	1600	2000	10 5/16	4 7/16
			1200	1500		
			750	950	11 1/16	4 7/8
			400	500		
S-01LRC	S-01LC	Lever	1600	2000	12 1/4	4 5/8
			1200	1500		
			750	950	13 1/4	5 1/16
			400	500		
POSITIVE CLUTCH AND DIRECT DRIVE						
S-01PRP	S-01PP	Pistol	1600	2000	9 1/16	4
S-01PRD	S-01PD		1200	1500		
			750	950	10 1/16	4 3/8
			400	500		
S-01LRP	S-01LP	Lever	1600	2000	11 1/16	4 3/16
S-01LRD	S-01LD		1200	1500		
			750	950	12 1/16	4 1/16
			400	500		

EQUIPMENT: Bit and Finder or Nut Socket Adapter.

Tools can be furnished with External Quick Change Chuck.

# ASSEMBLY TOOLS

## RIGHT ANGLE ROTOR K CLUTCH NUTRUNNERS 1/4" TO 9/16" BOLT

Type	Average Max. Torque (Foot Pounds)		R.P.M. @ 90 PSI	Length (Inches)	Height R. A. Head	Weight (Pounds)
	Solid Job	Spongy Job				
2291-012	100 in oz.		1200	8 1/2"	1 1/8"	10 oz.
2292-008	100 in oz.		800	8 1/2"	1 1/8"	10 oz.
N-01LAK-18-17	8.4	6.3	1725	16 1/2	1 3/16"	6 3/8
N-01LAK-18-12	11.2	8.4	1275	16 1/2		7
N-01LAK-18-8	18	13.5	825	17 1/2		
N-01LAK-23-14	10.8	8.1	1400	16 1/2	1 1/2"	6
N-01LAK-23-10	15.3	11.5	1000	16 1/2		6 3/8
N-01LAK-23-6	24.3	18.2	625	17 1/2		
N-01LAK-27-14	12.6	9.5	1400	16 1/2	1 1/2"	6
N-01LAK-27-10	18	13.5	1000	16 1/2		6 3/8
N-01LAK-27-6	28.8	21.5	625	17 1/2		
N-01LAK-36-9	18.5	13.9	975	18 1/4	1 5/16"	6 3/8
N-01LAK-36-7	24.3	18.2	725	18 1/4		7 1/8
N-01LAK-36-4	37	27.8	450	19 1/4		
N-01LAK-72-2	71.5	53.5	240	19 1/4	1 5/16"	7 1/2

Optional Drive Spindles Available.

## RIGHT ANGLE STALL TORQUE NUTRUNNERS NO. 6 SCREW TO 9/16" BOLT

Type	Stall Torque	R.P.M. @ 90 PSI	Length (Inches)	Height R. A. Head	Bolt Clearance	Weight (Pounds)
N-02LA-15 ★	1.9	3500	10 <sup>7</sup> / <sub>16</sub>	1 <sup>3</sup> / <sub>8</sub> "	1/2"	2 <sup>1</sup> / <sub>4</sub>
	3.6	1800	11			2 <sup>1</sup> / <sub>2</sub>
	4.6 9	1500 730				
N-02LA-16 ★	1.9	3500	10 <sup>7</sup> / <sub>16</sub>	1 <sup>3</sup> / <sub>8</sub> "	1/2"	2
	3.6	1800	11			2 <sup>1</sup> / <sub>4</sub>
	4.6 9	1500 730				
N-02LA-20 ★	2.2	2900	11 <sup>7</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub> "	1 <sup>1</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>4</sub>
	4.5	1500				
	5.5	1100	12			3 <sup>1</sup> / <sub>2</sub>
	10.8 20	600 315				
N-01LA-20-17	9.3	1725	13 <sup>1</sup> / <sub>4</sub>	1 <sup>13</sup> / <sub>16</sub> "	3/4"	5 <sup>5</sup> / <sub>8</sub>
N-01LA-20-12	12.5	1275				
N-01LA-20-8	20	825				5 <sup>3</sup> / <sub>4</sub>
N-01LA-25-14	12	1400	13 <sup>1</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>2</sub> "	1 <sup>1</sup> / <sub>16</sub> "	5
N-01LA-25-10	17	1000				5 <sup>3</sup> / <sub>8</sub>
N-01LA-25-6	27	625				
N-01LA-30-14	14	1400	13 <sup>1</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>2</sub> "	1 <sup>1</sup> / <sub>16</sub> "	5
N-01LA-30-10	20	1000				5 <sup>3</sup> / <sub>8</sub>
N-01LA-30-6	32	625				
N-01LA-40-9	20	975	15	1 <sup>15</sup> / <sub>16</sub> "	7/8"	5 <sup>7</sup> / <sub>8</sub>
N-01LA-40-7	27	725				6 <sup>1</sup> / <sub>4</sub>
N-01LA-40-4	42	450				
N-01LA-80-2	79	240	17 <sup>3</sup> / <sub>16</sub>	1 <sup>5</sup> / <sub>16</sub> "	7/8"	6 <sup>3</sup> / <sub>8</sub>

★ Available Reversible

## REVERSIBLE IMPACT WRENCHES

Type	Throttle Handle	Run Down Speed	*Length (Inches)	Weight (Pounds)	Standard Drive	**Optional Drive
1/2" SQUARE DRIVE — NOMINAL CAPACITY 3/8"						
J-3S	Side	6800	67/8	51/2	1/2" Sq.	7/16" Hex. F.
3/8" SQUARE DRIVE — INDUSTRIAL GRADE — NOMINAL CAPACITY 1/4"						
J-22S	Side	6000	5 1 1/16	3 3/4	3/8" Sq.	1/2" Sq.
J-22L	Lever	6000	7 3/16	3 3/8		1/4" Hex. F. 7/16" Hex. F.
1/2" SQUARE DRIVE — INDUSTRIAL GRADE — NOMINAL CAPACITY 3/8"						
J-44S	Side	5800	7	6 3/8	1/2" Sq.	5/8" Sq. 7/16" Hex. F.
3/8" SQUARE DRIVE — INDUSTRIAL GRADE — NOMINAL CAPACITY 3/8"						
J-82S	Side	5500	8	11	3/8" Sq.	3/4" Sq. 5/8" Hex. F.

\*Length of Socket not included.

\*\*OPTIONAL DRIVES: 3" and 6" Extended Square Drives. Hex Female Quick Change Chucks are Available.



2291-012



N-01LAK-18



N-01LAK-23



N-01LAK-27



N-01LAK-36 or  
N-01LAK-72



N-02LA-15



N-02LA-16



N-02LA-20



N-01LA-25, -30



N-01LA-40, -80



J-35  
CARTRIDGE MOTOR



J-22S



J-22L



J-44S



J-82S

## NON-REV. DRILLS—5/32" TO 5/16" CAPACITY

Type	Throttle Handle	Free R.P.M. at 90 Lbs.	Length W/Chuck (Inches)	Weight (Pounds)
E-035L	Lever	5600	8 <sup>1</sup> / <sub>16</sub>	16 oz.
	Available in Pistol Handle	1800	8 <sup>1</sup> / <sub>16</sub>	16 oz.
		1200	8 <sup>1</sup> / <sub>16</sub>	16 oz.
E-02L	Lever	20000	6 <sup>1</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>4</sub>
		4400	7 <sup>1</sup> / <sub>2</sub>	1 <sup>3</sup> / <sub>4</sub>
		2200		
	Available in Pistol Handle	900	8 <sup>1</sup> / <sub>16</sub>	2
		475		



E-035L



E-02P



E-02L



2505



2589

2500 Series Featuring the  
New Cartridge Motor Concept



E-01P



E-01G



E-834 M9073

## NON-REV. DRILLS — 3/16" TO 3/8" CAPACITY

2700	Pistol 5/16" Capacity	1900	8 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>16</sub>
2503		1400	8 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>16</sub>
2504		1100	8 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>16</sub>
2505	Pistol 3/8" Capacity	900	9 <sup>1</sup> / <sub>2</sub>	3 <sup>3</sup> / <sub>16</sub>
2506		700	9 <sup>1</sup> / <sub>2</sub>	3 <sup>3</sup> / <sub>16</sub>
2507		500	9 <sup>1</sup> / <sub>2</sub>	3 <sup>3</sup> / <sub>16</sub>
2702	Lever 5/16" Capacity	1900	9	2 <sup>3</sup> / <sub>16</sub>
2582		1400	9	2 <sup>3</sup> / <sub>16</sub>
2583		1100	9	2 <sup>3</sup> / <sub>16</sub>
2584	Lever 3/8" Capacity	900	9 <sup>1</sup> / <sub>2</sub>	2 <sup>13</sup> / <sub>16</sub>
2585		700	9 <sup>1</sup> / <sub>2</sub>	2 <sup>13</sup> / <sub>16</sub>
2586		500	9 <sup>1</sup> / <sub>2</sub>	2 <sup>13</sup> / <sub>16</sub>

Send for 2500 Series Brochure illustrating full line of  
Drills, Screwdrivers, and Right Angle Nutrunners.

## NON-REV. DRILLS — 1/4" TO 7/16" CAPACITY

E-01P	Pistol	15000	6 <sup>7</sup> / <sub>8</sub>	3 <sup>1</sup> / <sub>4</sub>
		3500	7 <sup>1</sup> / <sub>4</sub>	3 <sup>13</sup> / <sub>16</sub>
		2000		
		1500		
		950	8 <sup>1</sup> / <sub>2</sub>	4 <sup>1</sup> / <sub>2</sub>
		500		4 <sup>1</sup> / <sub>2</sub>
E-01L	Lever	15000	8 <sup>7</sup> / <sub>8</sub>	3 <sup>15</sup> / <sub>16</sub>
		3500	9 <sup>1</sup> / <sub>4</sub>	4 <sup>3</sup> / <sub>8</sub>
		2000		
		1500		
		950	10 <sup>1</sup> / <sub>2</sub>	4 <sup>11</sup> / <sub>16</sub>
		500*		4 <sup>1</sup> / <sub>16</sub>
E-01G	Grip	15000	11 <sup>3</sup> / <sub>4</sub>	4 <sup>7</sup> / <sub>16</sub>
		3500	12 <sup>1</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>8</sub>
		2000		
		1500		
		950	13 <sup>3</sup> / <sub>8</sub>	5 <sup>7</sup> / <sub>16</sub>
		500		5 <sup>7</sup> / <sub>16</sub>
		195		6

\*Not Recommended for Hand Use.

NOTE: Reversible Drills — 1/8" to 7/16" Capacity are Available.  
Drill Chucks 1/4", 5/16", 3/8", 1/2" and 5/8" Available.

## REV. AND NON-REV. DRILLS — 29/32" TO 2" CAPACITY

Type	Model		Free R.P.M. at 90 Lbs.	Morse Taper	Capacity (Inches)		Length (Inches)	Weight (Pounds)
	Rev.	Non-Rev.			Drill	Ream		
E-72	M9051	M9050	750	2	2 <sup>9</sup> / <sub>32</sub>	3/4	13 <sup>1</sup> / <sub>4</sub>	30 <sup>1</sup> / <sub>2</sub>
			650			1 <sup>3</sup> / <sub>16</sub>	13 <sup>1</sup> / <sub>4</sub>	28 <sup>1</sup> / <sub>2</sub>
			450			1 <sup>1</sup> / <sub>16</sub>	13 <sup>1</sup> / <sub>4</sub>	28 <sup>1</sup> / <sub>2</sub>
E-73	M9051	M9050	750	3	1	3/4	13 <sup>1</sup> / <sub>4</sub>	30 <sup>1</sup> / <sub>2</sub>
			650		1	1 <sup>3</sup> / <sub>16</sub>	13 <sup>1</sup> / <sub>4</sub>	28 <sup>1</sup> / <sub>2</sub>
			450		1	1 <sup>5</sup> / <sub>16</sub>	13 <sup>1</sup> / <sub>4</sub>	28 <sup>1</sup> / <sub>2</sub>
E-730	M9053	M9052	250	3	1 <sup>1</sup> / <sub>4</sub>	1	14	33
			200		1 <sup>1</sup> / <sub>4</sub>	1	14	31
			150		1 <sup>1</sup> / <sub>4</sub>	1	14	31
E-74	M9053	M9052	450	4	1	1 <sup>5</sup> / <sub>16</sub>	14 <sup>1</sup> / <sub>2</sub>	33
			300		1 <sup>1</sup> / <sub>4</sub>	1	14 <sup>1</sup> / <sub>2</sub>	31
			250		1 <sup>1</sup> / <sub>4</sub>	1	14 <sup>1</sup> / <sub>2</sub>	31
E-833	M9073	M9072	450	3	1 <sup>1</sup> / <sub>4</sub>	1	14 <sup>1</sup> / <sub>2</sub>	35 <sup>1</sup> / <sub>4</sub>
			300		1 <sup>1</sup> / <sub>4</sub>	1	14 <sup>1</sup> / <sub>2</sub>	32 <sup>3</sup> / <sub>4</sub>
			200		1 <sup>1</sup> / <sub>4</sub>	1	14 <sup>1</sup> / <sub>2</sub>	32 <sup>3</sup> / <sub>4</sub>
E-834	M9073	M9072	450	4	1 <sup>1</sup> / <sub>4</sub>	1	14 <sup>1</sup> / <sub>2</sub>	35 <sup>1</sup> / <sub>4</sub>
			300		1 <sup>1</sup> / <sub>4</sub>	1	14 <sup>1</sup> / <sub>2</sub>	32 <sup>3</sup> / <sub>4</sub>
			200		1 <sup>1</sup> / <sub>4</sub>	1	14 <sup>1</sup> / <sub>2</sub>	32 <sup>3</sup> / <sub>4</sub>
E-884	M9073	M9072	200	4	1 <sup>1</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>4</sub>	17	40 <sup>1</sup> / <sub>2</sub>
			135		2	2	17	38
			95		2	2	17	38

# SMALL WHEEL GRINDERS

**M1233 D-03E**  
Pencil Grinder



**M1122A**  
Angle Grinder



**M1122SA**  
Short Angle Grinder



**M1230 D-02L**  
Midget Grinder

**D02L**  
**D02LT**  
Midget Grinder



**D25LT**  
Midget Grinder

**M1232**  
Small Wheel Grinder



**M1210**  
Angle Grinder



**3001**  
Extension Grinder



**M1241**  
**M1271**  
**M1171**



**M1242**  
**M1272**  
**M1172**



**M1240**  
**M1270**  
**M1170**

## PENCIL GRINDER

Model—Type	Free R.P.M. at 90 Lbs.	Standard Throttle	Wheel Capacity (Inches)		Spindle (Thread)	Length (Inches)	Weight (Ounces)
			Elastic	Vitrified			
M1233 D-03E	40000	Sleeve	1/8 Shanks—3/8 x 1/4 1/4 Shanks—1/2 x 3/8		Erickson Collet	5 15/16	12

## MIDGET GRINDERS

M1122A	15000	Lever	For Sml Sanding Pads, Cutters, Burrs & Mtd. Pts.		1/4" Collet	8 5/8	26
M1122AT					3/8-24 x 5/8		
M1122SA					1/4" Collet	6 3/16	20
M1230 D-02L	30000 25000 20000	Lever	1 1/2	1 1/4	1/4" Collet	6 1 1/32	17
M1230 D-02LE					Erickson	6 1 1/16	18
M1230T D-02LT					3/8-24 x 7/16	5 7/16	19
D02LTX	30,000	Lever	For Files, Burrs, Mounted Points and Brushes up to 1" dia.		3/8-24 x 1 3/16	9 1/2	29
	25,000					9 1/2	29
	20,000					10 3/4	34
D02BTX	20,000	Button				10 3/4	34
	25,000					11	38
	20,000					11	38
D-25LT-	25,000	Lever	1 1/2	1	3/8-24 x 7/16"	6 3/8	24

NOTE: For Tools with Threaded Spindle — Choice of Collet or Arbors.  
Button Throttle Available on M1230 Series.

## SMALL WHEEL GRINDERS — (Non-Governed)

Model—Type	Free R.P.M. at 90 Lbs.	Standard Throttle	Wheel Capacity (Inches)		Spindle (Thread)	Length (Inches)	Weight (Pounds)
			Elastic	Vitrified			
M1240	21000	Sleeve	1 1/2 x 1/2	1 x 1/2	3/8-24 x 7/16	11 1 3/16	3
M1241		Twist	2 x 1/2	1 x 1/2	3/8-24 x 7/16	16	4 1/16
M1242		Sleeve			3/8-24 x 1 3/16	12 3/16	3 1/2
M1270	18000	Sleeve	2 x 1/2	1 x 1/2	3/8-24-7/16	12 3/16	3 1/4
M1271		Twist			3/8-24 x 7/16	16 1/2	4 5/16
M1272		Sleeve			3/8-24 x 1 3/16	12 1 3/16	3 3/4
M1210	12000	Safety	3 x 1/2	2 x 1/2	3/8-24 x 3/4	17 1/2	4 3/8

## SMALL WHEEL GRINDERS — (Governed)

M1232	17000	Button (Lock on)	2 x 1/2	1 x 1/2	3/8-24 x 7/16	6 1 1/16	3 3/8
	14000		2 1/2 x 1/2	1 1/2 x 1/2			
	11000		3 x 1/2	2 x 1/2			
M1170	15000	Sleeve	2 1/2 x 1/2	1 1/2 x 1/2	3/8-24 x 7/16	13 1/2	3 1/2
M1171	12000	Twist	3 x 1/2	2 x 1/2	3/8-24 x 7/16	17 1 1/16	4 1 1/16
M1172	8000	Sleeve		3 x 1/2	3/8-24 x 1 3/16	14	4 1/8
3000	17000	Button (Lock on)	2 x 1/2	1 x 1/2	3/8-24 x 1 3/16	10 1/2	4
	14000		2 1/2 x 1/2	1 1/2 x 1/2			
	11000		3 x 1/2	2 x 1/2			
3001	17000	Lever	2 x 1/2	1 x 1/2	3/8-24 x 1 3/16	11 1/4	4 1/8
	14000		2 1/2 x 1/2	1 1/2 x 1/2			
	11000		3 x 1/2	3 x 1/2			

NOTE: Weight and Length does not include Spindle Attachment.  
Specify Choice of Sleeve, Twist or Safety Snap Throttles on M1240, 1270 and 1170 Series.  
Specify Choice of Collet, Arbor or Adapter on Spindle.  
Short Lever Throttle Available on M1240 and M1270 Series.

## EXTENSION GRINDERS

M1124 (13" Ext.)	Non-Gov.	16000	Sleeve	2 1/2	1 1/2	3/8-24 x 7/16	24	5 1/4
	Gov.	12000	Sleeve	3	2		24 3/4	5 1/2
		8000	Sleeve	3	2		24 3/4	5 1/2
M1125 (26" Ext.)	Non-Gov.	16000	Sleeve	2 1/2	1 1/2	3/8-24 x 7/16	37	7 1/2
	Gov.	12000	Sleeve	3	2		37 3/4	7 3/4
		8000	Sleeve	3	2		37 3/4	7 3/4

NOTE: Tools are furnished with 1/4" Collets unless otherwise specified — 8 different Collets or 15 Wheel Arbors or Adapters are also available.



**M1124 13" Extension**  
Small Wheel Grinder

# STRAIGHT GRINDERS

## STRAIGHT GRINDERS

Type	Model	Throttle Handle	Free R.P.M. at 90 Lbs.	Wheel Capacity (Inches)		Buffer Wheel (Inches)	Length (Inches)	Weight (Pounds)
				Elastic	Vitrified			
D-4S	M1135	Straight	8500	4 x 1 x 5/8	—	—	20 1/2	8 1/4
D-4G	M1134	Grip	6000	6 x 1 x 5/8	4 x 1 x 5/8	6 x 2 x 5/8	18 7/8	8 3/4
D-4SS	—	Safety	—	—	—	—	21 1/16	8 1/4
D-6S	M1137	Straight	6000	6 x 1 x 5/8	4 x 1 x 5/8	—	21 1/4	9 1/4
D-6G	M1136	Grip	4500	8 x 1 x 5/8	5 x 1 x 5/8	6 x 2 x 5/8	19 5/8	10
D-6SS	—	Safety	4100	—	6 x 1 x 5/8	—	22 3/16	9 1/4
D-8S	M1139	Straight	6000	6 x 1 x 5/8	—	6 x 2 x 5/8	—	—
D-8G	M1138	Grip	4500	8 x 1 x 5/8	—	6 x 2 x 5/8	21 3/8	12 1/4
D-8SS	—	Safety	4100	—	6 x 1 x 5/8	8 x 2 x 5/8	19 3/4	12 3/4
D-8SS	—	Safety	3100	—	8 x 1 x 5/8	8 x 2 x 5/8	22 3/8	12 1/4

EQUIPMENT: Wheel Guard, Wheel Washer and Nut.

NOTE: Specify Hooded or Open Face Wheel Guard.

## STRAIGHT VERY HIGH SPEED GRINDER (Reinforced Resin Bonded)

D-66S	—	Straight	10,800	6 x 1 x 1	—	—	21 1/4	9 1/4
D-66G	—	Grip	10,800	6 x 1 x 1	—	—	21 1/4	9 1/4
D-68S	—	Straight	8,000	8 x 1 x 1	—	—	21 1/4	9 1/4
D-68G	—	Grip	8,000	8 x 1 x 1	—	—	21 1/4	9 1/4

Caution: Use only Reinforced High Speed Wheels rated at 17,000 CFM.



**Rotor D-65**  
6" Straight Grinder

Shown with Standard  
Hooded Wheel Guard



**Grip Handle**

## CONE GRINDERS

Type	Model	Throttle Handle	Free R.P.M. at 90 Lbs.	Vitreous Cone Wheel	Sanding Cone	Length (Inches)	Weight (Pounds)
D-3S	M1141	Straight	12000	2 x 3 1/2 x 5/8	—	20 1/2	8 1/4
D-3G	M1140	Grip				18 7/8	8 3/4
D-4S	M1135	Straight	8500	2 3/4 x 3 1/2 x 5/8	—	20 1/2	8 1/4
D-4G	M1134	Grip				18 7/8	8 3/4

EQUIPMENT: Cone Wheel Adapter.



**Rotor D-3S**  
Cone Grinder



**Safety Snap Throttle**

## B-5 VERTICAL SANDER FEATURING THE NEW CARTRIDGE MOTOR CONCEPT

Type	Model	Throttle Handle	Height (Inches)	Weight (Pounds)	RPM	Sanding Pad	Disc Wheel	Knot Type Cup Brush
B-5	1755	Meter	7 1/16	6 1/4	6000	7"	7"	6"
B-5	1754	Meter	7 1/16	6 1/4	4500	7"	7"	6"
B-5	1753	Meter	7 1/16	6 1/4	3000	7"	7"	6"
B-5	1762	Safety	7 1/16	6 1/4	6000	7"	7"	6"
B-5	1761	Safety	7 1/16	6 1/4	4500	7"	7"	6"
B-5	1760	Safety	7 1/16	6 1/4	3000	7"	7"	6"

EQUIPMENT: Pad Nut Wrench.  
Sanding Pad Spacer.

- Only four unit assemblies.
- Continuous new tool efficiency.

- Ease of maintenance.
- Lower inventory of replacement parts.
- Less tool down time.



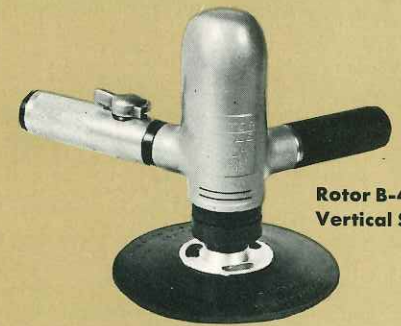
**Rotor B-5 Sander**  
Shown with Metering Throttle

## VERTICAL CUP WHEEL GRINDERS

Type	Model	Height (Inches)	Weight (Pounds)	R.P.M.	Elastic Cup Wheel	Knot Type Cup Brush
B-4S	M1216	8 $\frac{3}{16}$	4 $\frac{3}{8}$	3000	—	4
				2500	—	4
				1300	—	4
B-7S	M1132	7	6 $\frac{3}{4}$	8000	4	—
				6000	6	6
				4500	6	6
B-12S	M1126	7	10	6000	6	6
				5000	6	6
				4500	6	6
				3500	6	6
B-35S	M1127	7 $\frac{1}{2}$	10 $\frac{3}{4}$	6000	6	6
				5000	6	6
				4500	6	6
				3500	6	6

EQUIPMENT: Wheel Guard, Hex Nut and Wrenches.

NOTE: Specify Revolving or Adjustable Wheel Guard.



**Rotor B-4S  
Vertical Sander**



**Rotor B-7S  
Vertical Grinder**

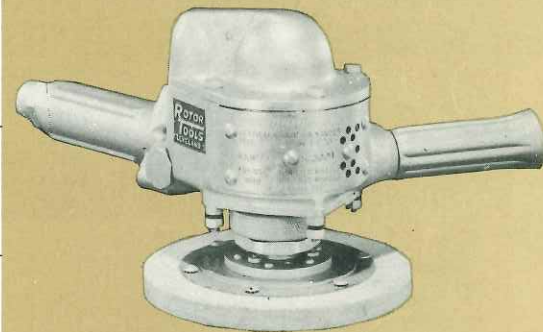
Shown with Standard Revolving Wheel Guard

## VERTICAL SANDERS AND DISC WHEEL GRINDERS

Type	Model	Height (Inches)	Weight (Pounds)	R.P.M.	Sanding Pad	Disc* Wheel
B-4S	M1216	8 $\frac{3}{16}$	4 $\frac{3}{8}$	3000	5	—
				2500	5	—
				1300	5	—
B-7S	M1132	7	6 $\frac{3}{4}$	8000	5	—
				6000	7	7
				4500	9	9
B-12S	M1126	7	10	6000	7	7
				5000	7	9
				4500	9	9
				3500	9	9
B-35S	M1127	7 $\frac{1}{2}$	10 $\frac{3}{4}$	6000	7	7
				5000	7	9
				4500	9	9
				3500	9	9

\*For Disc Wheels, Follow Wheel Manufacturer's Recommended Speeds.

EQUIPMENT: Guard for Disc Wheels, Wheel Collar Wrench.



**Rotor B-12S  
Vertical Sander**



**Rotor B-35S  
Vertical Grinder**

Shown with Optional Adjustable Wheel Guard



**Guard for Raised  
Hub Disc Wheels.**



**Safety Straight Throttle  
Handle used on B-12 and  
B-35. Add "SS" to Type  
No.—i.e., B-12SS.**

# SCALERS, CHIPPERS & RAMMERS

## SCALING HAMMERS

Type	Throttle Handle	Bore and Stroke (Inches)	Length W/O Chisel (Inches)	Weight (Pounds)
S-1P	Push	1 x 1	9 <sup>1</sup> / <sub>8</sub>	3 <sup>1</sup> / <sub>4</sub>
S-1L	Lever		8	3 <sup>1</sup> / <sub>2</sub>

EQUIPMENT: One Chisel; Choice of Spoon, Flat, Flared or Blank (1/2" Square Chisel with Retainer Groove)

S-10P	Push	1 x 1	8 <sup>7</sup> / <sub>8</sub>	3 <sup>1</sup> / <sub>4</sub>
S-10L	Lever		7 <sup>3</sup> / <sub>4</sub>	3 <sup>1</sup> / <sub>2</sub>

EQUIPMENT: One Chisel; Choice of Spoon, Flat, Flared or Blank. (1/2" Quarter Octagonal Chisel with a Retainer Groove for 1/2" Steel Ball Retainer)

## NEEDLE SCALERS

Type	Throttle Handle	Bore and Stroke (Inches)	Needle Pattern	Length (Inches)	Weight (Pounds)
2241	Lever	1 x 1	Circular	12	5 <sup>3</sup> / <sub>4</sub>
2242	Lever	1 x 1	Rectangle	12	5 <sup>3</sup> / <sub>4</sub>
2243	Push	1 x 1	Circular	12	5 <sup>3</sup> / <sub>4</sub>
2244	Push	1 x 1	Rectangular	12	5 <sup>3</sup> / <sub>4</sub>

## CHIPPING HAMMERS

Type	Piston	Bore and Stroke (Inches)	Length W/O Chisel (Inches)	Weight (Pounds)
C-10	Standard	1 <sup>1</sup> / <sub>8</sub> x 1	10 <sup>3</sup> / <sub>8</sub>	11
C-10L	Light			
C-10H	Heavy	1 <sup>1</sup> / <sub>8</sub> x 1 <sup>1</sup> / <sub>2</sub>	11 <sup>1</sup> / <sub>2</sub>	11 <sup>1</sup> / <sub>2</sub>
C-15	Standard			
C-15L	Light			
C-15H	Heavy	1 <sup>1</sup> / <sub>8</sub> x 2	12 <sup>1</sup> / <sub>16</sub>	12 <sup>1</sup> / <sub>16</sub>
C-20	Standard			
C-20L	Light			
C-20H	Heavy	1 <sup>1</sup> / <sub>8</sub> x 2 <sup>1</sup> / <sub>2</sub>	12 <sup>7</sup> / <sub>8</sub>	13
C-25	Standard			
C-25L	Light			
C-25H	Heavy	1 <sup>1</sup> / <sub>8</sub> x 3	13 <sup>1</sup> / <sub>2</sub>	13 <sup>1</sup> / <sub>2</sub>
C-30	Standard			
C-30L	Light			
C-30H	Heavy			

EQUIPMENT: Specify Round or Hex Chisel Bushing.

## SAND RAMMERS

Type	Model	Bore and Stroke (Inches)	Length (Inches)	Weight (Pounds)
22B	Bench	1 x 2 <sup>1</sup> / <sub>2</sub>	17 <sup>5</sup> / <sub>8</sub>	7 <sup>1</sup> / <sub>4</sub>
22F	Floor	1 x 2 <sup>1</sup> / <sub>2</sub>	25 <sup>5</sup> / <sub>8</sub>	8 <sup>1</sup> / <sub>8</sub>
44B	Bench	1 <sup>1</sup> / <sub>16</sub> x 4	21 <sup>1</sup> / <sub>4</sub>	11
44F	Floor	1 <sup>1</sup> / <sub>16</sub> x 4	47 <sup>1</sup> / <sub>2</sub>	14 <sup>1</sup> / <sub>2</sub>

EQUIPMENT: Round Rod and All Rubber Butt — Rex Rod and Peen or Rubber Faced Steel Butts or Peens.



S-1P



S-1L



2241



C-10



C-20



C-30



44B



44F

AIRITER



AIRPLIER



HOG RINGERS



AIR MOTORS



BELT SANDERS



CLIP SQUEEZERS



## THE ROTOR TOOL COMPANY

A DIVISION OF  COOPER INDUSTRIES, INC.

26300 LAKELAND BLVD.  
CLEVELAND, OHIO 44132  
(AREA CODE 216) 731-8888